

1632 #6



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1614

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/025,598

DATE: 04/23/2002

TIME: 14:33:33

Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

4 <110> APPLICANT: Schaak, Diane L.
 6 <120> TITLE OF INVENTION: TOXIN-PHAGE BACTERIOCIDIC ANTIBIOTIC AND USES THEREOF
 8 <130> FILE REFERENCE: 13688-002001
 10 <140> CURRENT APPLICATION NUMBER: US 10/025,598
 C--> 11 <141> CURRENT FILING DATE: 2002-04-08
 13 <160> NUMBER OF SEQ ID NOS: 16
 15 <170> SOFTWARE: FastSEQ for Windows Version 4.0
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 117
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Artificial Sequence
 22 <220> FEATURE:
 23 <223> OTHER INFORMATION: Synthetically generated primer
 25 <220> FEATURE:
 26 <221> NAME/KEY: CDS
 27 <222> LOCATION: (1)...(117)
 29 <400> SEQUENCE: 1
 30 atg gat tgg ctg aaa gct cgg gtt gaa cag gaa ctg cag gct ctg gaa 48
 31 Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu
 32 1 5 10 15
 34 gca cgt ggt acc gat tcc aac gct gag ctg cgg gct atg gaa gct aaa 96
 35 Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys
 36 20 25 30
 38 ctt aag gct gaa atc cag aag 117
 39 Leu Lys Ala Glu Ile Gln Lys
 40 35
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 39
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Synthetically generated peptide
 50 <400> SEQUENCE: 2
 51 Met Asp Trp Leu Lys Ala Arg Val Glu Gln Glu Leu Gln Ala Leu Glu
 52 1 5 10 15
 53 Ala Arg Gly Thr Asp Ser Asn Ala Glu Leu Arg Ala Met Glu Ala Lys
 54 20 25 30
 55 Leu Lys Ala Glu Ile Gln Lys
 56 35
 58 <210> SEQ ID NO: 3
 59 <211> LENGTH: 104
 60 <212> TYPE: DNA
 61 <213> ORGANISM: Artificial Sequence

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63 <220> FEATURE:
64 <223> OTHER INFORMATION: Synthetically generated primer
66 <400> SEQUENCE: 3
67 gcgtccggcg tagaggatcc aagctttaat ttaaatttta ttgacaaaa atgggctcgt
68 gttgtacaaa tgtatggatt ggctgaaagc tcgggttgaa cagg
69
70 <210> SEQ ID NO: 4
71 <211> LENGTH: 39
72 <212> TYPE: DNA
73 <213> ORGANISM: Artificial Sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Synthetically generated primer
78 <400> SEQUENCE: 4
79 ccacgatgg ccgctcgagc tattatttct ggatttcag
80
81 <210> SEQ ID NO: 5
82 <211> LENGTH: 17
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Synthetically generated primer
89 <400> SEQUENCE: 5
90 ggcgtatcac gagggccc
91
92 <210> SEQ ID NO: 6
93 <211> LENGTH: 19
94 <212> TYPE: DNA
95 <213> ORGANISM: Artificial Sequence
97 <220> FEATURE:
98 <223> OTHER INFORMATION: Synthetically generated primer
100 <400> SEQUENCE: 6
101 gtggcgccgg tgatgccgg
102
103 <210> SEQ ID NO: 7
104 <211> LENGTH: 39
105 <212> TYPE: DNA
106 <213> ORGANISM: Bacteriophage lambda
108 <400> SEQUENCE: 7
109 ttgcccatat cgatgggcaa ctcatgcaat tattgtgag
110
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 42
113 <212> TYPE: DNA
114 <213> ORGANISM: Bacteriophage lambda
116 <400> SEQUENCE: 8
117 caatacacac gcgcttcag cggagtataa atgcctaaag ta
118
119 <210> SEQ ID NO: 9
120 <211> LENGTH: 39
121 <212> TYPE: DNA
122 <213> ORGANISM: Bacteriophage phi-165
124 <400> SEQUENCE: 9
125 gggtagttgc ataccactaa agatgttcag gtgcacatg
126
127 <210> SEQ ID NO: 10
128 <211> LENGTH: 40

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RAW SEQUENCE LISTING

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Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

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129 <212> TYPE: DNA
130 <213> ORGANISM: Bacteriophage phi-165
132 <400> SEQUENCE: 10
133 agcattggag gaaaggaacg ctttaggggg aagggaaacc      40
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 38
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Synthetically generated primer
143 <400> SEQUENCE: 11
144 cgtccggcgt agaggatcca agctttaatt taaatttt      38
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 96
148 <212> TYPE: DNA
C--> 149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Synthetically generated primer
154 <400> SEQUENCE: 12
155 cgggaagctt ggatccgcgt agcaaaacgg acatcactcc gtttcaatgg aggtgatgtc      60
156 cgttttccgc tcgagctatt atttctggat ttcagc          96
158 <210> SEQ ID NO: 13
159 <211> LENGTH: 98
160 <212> TYPE: DNA
161 <213> ORGANISM: Artificial Sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Synthetically generated primer
166 <400> SEQUENCE: 13
167 ccggaattcg ctageggggc cgagttgccc atatcgatgg gcaactcatg caattattgt      60
168 gagaagcttt aatttaaatt ttatttgaca aaaatggg          98
170 <210> SEQ ID NO: 14
171 <211> LENGTH: 98
172 <212> TYPE: DNA
173 <213> ORGANISM: Artificial Sequence
175 <220> FEATURE:
176 <223> OTHER INFORMATION: Synthetically generated primer
178 <400> SEQUENCE: 14
179 cgccctaggc ggccgaggac cctacttttag gcatttatac tccgctggaa gcgcgtgtgt      60
180 attggcatgc atcgattagt aaaacggaca tcactccg          98
182 <210> SEQ ID NO: 15
183 <211> LENGTH: 98
184 <212> TYPE: DNA
185 <213> ORGANISM: Artificial Sequence
187 <220> FEATURE:
188 <223> OTHER INFORMATION: Synthetically generated primer
190 <400> SEQUENCE: 15
191 ccggaattcg ctageggggc cgaggggtag ttgcatacca ctaaagatgt tcaggtgcac      60
192 atgaagcttt aatttaaatt ttatttgaca aaaatggg          98
194 <210> SEQ ID NO: 16

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RAW SEQUENCE LISTING

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Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

195 <211> LENGTH: 97

196 <212> TYPE: DNA

197 <213> ORGANISM: Artificial Sequence

199 <220> FEATURE:

200 <223> OTHER INFORMATION: Synthetically generated primer

202 <400> SEQUENCE: 16

203 cgccctaggc ggccgaggac ccggtttccc ttccccctaa agcgttcctt tcctccaatg

60

204 ctggcatgca tcgattagta aaacggacat cactccg

97

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/025,598

DATE: 04/23/2002

TIME: 14:33:34

Input Set : A:\SEQUENCE LIST.TXT

Output Set: N:\CRF3\04232002\J025598.raw

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:149 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:12.